County of Roanoke

FINANCE DEPARTMENT
PURCHASING DIVISION

Pat Chockley
Buyer
5204 Bernard Drive SW, Suite 300F
Roanoke, VA 24018
(540) 772-2061, Ext. 307
(540) 772-2074 (FAX)

Request for Proposal

Addendum Number 1

CP #0478

for

Paging System

One (1) original and six (6) complete copies of Sealed Proposals Due

April 29, 2004

2:00 P. M.
(Local Prevailing Time)

RFP CP #0478
PAGING SYSTEM
Addendum Number 1
April 14, 2004

Addendum 1 is being issued to provide some clarification on the General Requirements per questions asked by vendors:

Question #1: **We are not clear on the type of pagers you are looking for. Is it 500 Tone and Voice, Alpha Numeric, Numeric? (E)**

Answer: Combination of Voice and Alpha-Numeric may be required. (Alpha-numeric is preferred.)

Question #2: **Does Coverage Analysis require coverage maps? (A)**

Answer: Yes

Question #3: **For Public Safety paging do you want paging to come directly from dispatch positions or will dial-up paging from these positions be acceptable?**

Answer: Both. Public Safety Paging will interface to the CAD system for its paging information. It will also require dial up for external departments outside of Public Safety.

Question #4: **Does the County have a wide area network that digital (Alpha-numeric, numeric) paging can be sent through?**

Answer: Yes, internally and at all mountain sites.

Question #5: **Do any of the dispatch position computers (CAD, Radio, E911) have paging programs available on them now or can software for this purpose be added to any of the computers?**

Answer: Radio Consoles currently have Analog paging capability. CAD workstations could have software added to the PC. Software or Systems added will need to accept data from the CAD system to automate paging. This will eliminate an extra step and the time involved in using an external paging software or device such as dialing up a paging terminal.

Question #6: **Does current CAD system have TAP protocol output capability?**

Answer: Yes

Question #7: **What capabilities do you need a paging terminal to possess such as voice mail, email paging, etc? Do all of the pagers need to be alpha or digital? How many incoming trunks do you need the terminal to accommodate?**

Answer: Alphanumeric with analog voice as an option on the system. No voice mail, email paging as an option. We will need 2-4 incoming trunks with future expansion capability.

Question #8: How are the transmitters to be connected to the paging terminal? (wire line or wireless). If wireless, do you currently have any licenses or equipment for a control link? Will you be furnishing the wire line facilities? Usually wire line controlled simulcast systems do not work satisfactorily.

Answer: We will be using our current microwave infrastructure (wireless) and we have the capability of network or 4 wire across microwave. Capability exists to Broadcast thru our current radio system to provide launch and GPS, & phasing capabilities for the paging system.

Question #9: Regarding the licenses you have what is the frequency and transmit power allowed?

Answer: 155.790Mhz 250w ERP: 250w currently licensed on Poor Mountain and Ft. Lewis. Crowell's Gap could be used and as a last resort Mill Mountain.

Question #10: At the sites required do you have locations at these places to mount an antenna and house a repeater or is this something we need to furnish?

Answer: Have locations to mount an antenna and house the repeater with standby power.

Question #11: What form do the 13 in station alerting systems have to be in? A sign, an audible alert, multiple pagers, etc.?

Answer: Audible with Display or printout.

Question #12: I am not sure what requirements "B" and "K" are addressing. Please elaborate on these items.

Answer: B – is referencing an analog 2 tone paging system, and reduction of alert times when paging multiple groups. K – we are looking for alternatives to our current systems and want to see what else is available that we may have overlooked.

Question #13: Do you want the cheapest pagers available or the newest pagers available from Motorola or refurbished Motorola pagers? All are available with a wide range of prices.

Answer: New pagers with extended service agreements.

Questions #14: Afton has in operation two wide area paging systems that cover the Roanoke Valley. One is based in Roanoke with two stations that cover the county very well. An additional station on Fort Lewis Mountain would cover all areas of the county. Priority paging is available on this system. Would you be interested in using this system with a paging system at a reduced rate? This is a VHF simulcast system in existence that works like the county wants.

Answer: It is preference not to share a County wide public safety paging with a commercial entity. The requirement in such a system would be the County traffic would have priority Voice or alpha numeric and interrupt capabilities to meet the specification of no delays. In that system there would have to be a lease agreement if using the County's Ft. Lewis site for Afton paging.

The due date remains the same: April 29, 2004 at 2:00 pm (local prevailing time)

Offeror should make acknowledgement in their proposal response that they have received the complete Addendum Number 1 for this RFP.